

chosen from the group consisting of alkali metals, alkaline-earth metals, ammonium and alkyl ammonium; and where the serine portion is in D, L or racemic form; which comprises stirring said phosphatidylserine in a mixture comprising water, an alcohol solvent, and a hydrocarbon solvent selected from the group consisting of aromatic and aliphatic hydrocarbon solvents.

<sup>16</sup>  
17. The process of claim <sup>16</sup>17, in which said hydrocarbon solvent is selected from the group consisting of toluene, xylene, n-heptane, n-hexane and cyclohexane.

B2  
C1  
18. The process of claim <sup>18</sup>17, in which said hydrocarbon solvent is used in an amount between 4 and 30 liters per kilogram of phosphatidylserine to be purified.

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20. The process of claim <sup>18</sup>19, in which said hydrocarbon solvent is used in an amount between 6 and 12 liters per kilogram of phosphatidylserine to be purified.

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21. The process of claim <sup>16</sup>17, in which said alcohol solvent is an alcohol containing 1 to 5 carbon atoms.

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22. The process of claim <sup>16</sup>17, in which said alcohol solvent is selected from the group consisting of secondary and tertiary alcohols.

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23. The process of claim <sup>16</sup>17, in which said alcohol solvent is isopropanol.

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24. The process of claim <sup>16</sup>17, in which said polar organic solvent is used in an amount between 0.2 and 2 liters per kilogram of hydrocarbon solvent used.

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25. The process of claim <sup>23</sup>24, in which said polar organic solvent is used in an amount between 0.3 and 1.2 liters per kilogram of hydrocarbon solvent used.

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26. The process of claim <sup>16</sup>17, in which the amount of water used is between 0.2 and 5 liters per kilogram of hydrocarbon solvent used.